

BREAKDOWN OF DETAILED ESTIMATE

PROJECT NAME: REPAIR/ REHABILITATION/ RETROFITTING/RENNOVATION/REPLACEMENT AND EXPANSION OF EXTENSION
BUILDING SERVICES

LOCATION: CatSU Main Campus, Virac, Catanduanes

ITEM No. XII

DESCRIPTION: REINFORCING STEEL BARS

TOTAL QUANTITY: 101,656.51

UNIT: kgs.

# 16 G.I. Tie Wire	kgs	97.00		
C.4 Second Floor Beams and Girder				
61 - 25mmØ x 9.0m RSB Grade 40	kgs	2115.48		
23 - 25mmØ x 7.5m RSB Grade 40	kgs	664.70		
40 - 25mmØ x 6.0m RSB Grade 40	kgs	924.80		
140 - 20mmØ x 9.0m RSB Grade 40	kgs	3112.20		
209 - 20mmØ x 7.5m RSB Grade 40	kgs	3872.77		
177 - 20mmØ x 6.0m RSB Grade 40	kgs	2619.60		
25 - 16mmØ x 9.0m RSB Grade 40	kgs	355.50		
40 - 16mmØ x 7.5m RSB Grade 40	kgs	474.00		
41 - 16mmØ x 6.0m RSB Grade 40	kgs	388.68		
969 - 10mmØ x 6.0m RSB Grade 40	kgs	3585.30		
# 16 G.I. Tie Wire	kgs	153.00		
C.5 Roof Beam and Girder				
8 - 25mmØ x 6.0m RSB Grade 40	kgs	184.96		
62 - 20mmØ x 9.0m RSB Grade 40	kgs	1378.26		
51 - 20mmØ x 7.5m RSB Grade 40	kgs	945.03		
61 - 20mmØ x 6.0m RSB Grade 40	kgs	902.80		
122 - 16mmØ x 9.0m RSB Grade 40	kgs	1734.84		
150 - 16mmØ x 7.5m RSB Grade 40	kgs	1777.50		
153 - 16mmØ x 6.0m RSB Grade 40	kgs	1450.44		
821 - 10mmØ x 6.0m RSB Grade 40	kgs	3037.70		
# 16 G.I. Tie Wire	kgs	109.00		
C.6 Roofdeck Slab				
349 - 10mmØ x 9.00m RSB Grade 40	kgs	1936.95		
866 - 10mmØ x 7.50m RSB Grade 40	kgs	4026.90		
1131 - 10mmØ x 6.0m RSB Grade 40	kgs	4184.70		
# 16 G.I. Tie Wire	kgs	175.00		
C.7 Second Floor Slab				
381 - 10mmØ x 9.0m RSB Grade 40	kgs	2114.55		
765 - 10mmØ x 7.5m RSB Grade 40	kgs	3557.25		
1,364 - 10mmØ x 6.0m RSB Grade 40	kgs	5046.80		
# 16 G.I. Tie Wire	kgs	200.00		
C.8 Slab on Grade				
71 - 10mmØ x 7.5m RSB Grade 40	kgs	330.15		
560 - 10mmØ x 6.0m RSB Grade 40	kgs	2072.00		
# 16 G.I. Tie Wire	kgs	25.00		
C.9 Concrete Ramp				
126 - 10mmØ x 6.0m RSB Grade 40	kgs	466.20		
# 16 G.I. Tie Wire	kgs	7.00		

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C.10 150mm thk. RC Wall Supporting Concrete Ramp			
54 - 10mm ϕ x 6.0m RSB Grade 40	kgs		199.80
# 16 G.I. Tie Wire	kgs		3.00
C.11 Wall Footing -1 (WF-1) Total Length, L = 104.216 m			
92 - 10mm ϕ x 6.0m RSB Grade 40	kgs		340.40
# 16 G.I. Tie Wire	kgs		8.00
C.12 Wall Footing -2 (WF-2) Total Length, L = 40.14 m			
57 - 10mm ϕ x 6.0m RSB Grade 40	kgs		210.90
# 16 G.I. Tie Wire	kgs		5.00
C.13 Wall Footing @ Entrance Total Length, L = 7.9 m			
11 - 10mm ϕ x 6.0m RSB Grade 40	kgs		40.70
# 16 G.I. Tie Wire	kgs		2.00
C.14 Fire Exit Stair near grid 1 (incl. stair footing SF-1)			
20 - 12mm ϕ x 6.0m RSB Grade 40	kgs		106.80
32 - 10mm ϕ x 6.0m RSB Grade 40	kgs		118.40
# 16 G.I. Tie Wire	kgs		5.00
C.15 Fire Exit Stair near grid A (incl. stair footing SF-2)			
33 - 12mm ϕ x 6.0m RSB Grade 40	kgs		176.22
32 - 10mm ϕ x 6.0m RSB Grade 40	kgs		118.40
# 16 G.I. Tie Wire	kgs		5.00
C.16 Main Stair			
56 - 16mm ϕ x 6.0m RSB Grade 40	kgs		530.88
54 - 12mm ϕ x 6.0m RSB Grade 40	kgs		288.36
24 - 10mm ϕ x 6.0m RSB Grade 40	kgs		88.80
# 16 G.I. Tie Wire	kgs		10.00
C.17 Concrete Louver			
28 - 16mm ϕ x 6.0m RSB Grade 40	kgs		265.44
103 - 10mm ϕ x 6.0m RSB Grade 40	kgs		381.10
# 16 G.I. Tie Wire	kgs		5.00
C.18 Concrete Ledge @ Windows			
14 - 16mm ϕ x 6.0m RSB Grade 40	kgs		74.76
63 - 10mm ϕ x 6.0m RSB Grade 40	kgs		233.10
# 16 G.I. Tie Wire	kgs		5.00
C.19 Decorative Columns & Ledge @ Entrance			
88 - 16mm ϕ x 6.0m RSB Grade 40	kgs		834.24
128 - 10mm ϕ x 6.0m RSB Grade 40	kgs		473.60
# 16 G.I. Tie Wire	kgs		12.00

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C.20 Sidewalk	Cover Area =	156.1	m2		
-	- 10mmØ x 6.0m RSB Grade 40	kgs		179.00	
# 16 G.I. Tie Wire		kgs		10.00	
C.21 Stiffener Columns supporting Embankment Wall of Sidewalk					
48	- 10mmØ x 6.0m RSB Grade 40	kgs		177.60	
# 16 G.I. Tie Wire		kgs		3.00	
C.22 Counter Top Concrete Slab					
20	- 10mmØ x 6.0m RSB Grade 40	kgs		74.00	
# 16 G.I. Tie Wire		kgs		2.00	
C.23 Transformer Pad					
52	- 16mmØ x 6.0m RSB Grade 40	kgs		492.41	
8	- 16mmØ x 7.5m RSB Grade 40	kgs		94.69	
16	- 12mmØ x 6.0m RSB Grade 40	kgs		85.22	
56	- 12mmØ x 7.5m RSB Grade 40	kgs		372.86	
20	- 10mmØ x 7.5m RSB Grade 40	kgs		92.48	
# 16 G.I. Tie Wire		kgs		11.00	
Sub-Total for C (Material Cost)					-

D	Direct Unit Cost	(A + B + C)	
E	Overhead, Contingencies & Misc. (OCM)	___ % of D	
F	Contractor's Profit	___ % of D	
G	VAT	___ % (D + E + F)	
H	ITEM TOTAL	(D + E + F + G)	

I	TOTAL UNIT COST	(H / Total Qty) ----	
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Signature

in the capacity of

Duly authorized to sign the Bid and on behalf of _____